

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 46277		SERIAL NO. Div. Appln. of SN 09/945,812	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Takumi HATSUDA et al.			
				FILING DATE Herewith		GROUP 1713	

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MF	/	5	4	2	2	4	0	5	6/1995	DAIROKU et al.	525	384	/
MF	/	6	0	7	1	9	7	6	6/2000	DAIROKU et al.	521	50	/
MF	/	4	7	3	4	4	7	8	3/1988	TSUBAKIMOTO et al.	527	300	/
MF	/	5	3	6	9	1	4	8	11/1994	TAKAHASHI et al.	523	315	/
MF	/	3	6	6	1	8	1	5	5/1972	SMITH	260	17.4	/
MF	/	4	0	7	6	6	6	3	2/1978	MASUDA et al.	260	17.4	/
MF	/	4	6	6	6	9	8	3	5/1987	TSUBAKIMOTO et al.	525	119	/
MF	/	4	5	4	1	8	7	1	9/1985	OBAYASHI et al.	106	197.2	/
MF	/	5	1	4	7	3	4	3	9/1992	KELLENBERGER	604	368	/
MF	/	5	6	0	1	5	4	2	2/1997	MELIUS et al.	604	368	/
MF	/	5	5	9	7	8	7	3	1/1997	CHAMBERS et al.	525	330.1	/

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
MF	/	6	1	8	4	3	2	0	7/1994	Japan	/	/	/	X
MF	/	9	2	3	5	3	7	8	9/1997	Japan	/	/	/	X
MF	1	1	3	4	9	6	2	5	12/1999	Japan	/	/	X (Abstract)	
MF	/	4	2	4	6	4	0	3	9/1992	Japan	/	/	X (Abstract)	
MF	6	1	1	0	1	5	3	6	5/1986	Japan	/	/	/	X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER <i>Muhl</i>	DATE CONSIDERED <i>2/17/06</i>
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MF	/	6	1	2	7	4	5	4	10/2000	WADA et al.	523	200	/	
MF	/	5	7	6	0	0	8	0	6/1998	WADA et al.	524	559	/	
MF	/	6	1	8	4	4	3	3	2/2001	HARADA et al.	604	372	/	

FOREIGN PATENT DOCUMENTS																
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
															YES	NO
MF	/	9	1	1	7	2	0	0	11/1991	PCT	/	/	/	/	X	X
MF	1	1	2	6	7	5	0	0	10/1999	Japan	/	/	/	/	X	(Abstract)
MF	/	4	9	4	3	3	9	5	11/1974	Japan	/	/	/	/	X	X
MF	5	1	1	2	5	4	6	8	11/1976	Japan	/	/	/	/	X	X
MF	/	5	2	1	4	6	8	9	2/1977	Japan	/	/	/	/	X	(Abstract)

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER M. H. J.	DATE CONSIDERED 2/17/06
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							YES NO				
MF	/	5 3 1 5 9 5 9	5/1978	Japan	/	/	X (Abstract)				
MF	/	5 5 8 4 3 0 4	6/1980	Japan			X (Abstract)				
MF	5	8 1 8 0 2 3 3	10/1983	Japan			X				
MF	5	9 1 8 9 1 0 3	10/1984	Japan			X				
MF	/	6 1 1 6 9 0 3	1/1986	Japan			X				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

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							YES	NO				
MF	1	0 5 0 0 7 1 2	1/1998	Japan	/	/	/	X				
MF	1	0 2 6 5 5 8 2	10/1998	Japan	/	/	/	X				
MF	/	2 9 1 8 8 0 7	4/1999	Japan	/	/	/	X				
MF	/	2 9 1 8 8 0 8	4/1999	Japan	/	/	/	X				
MF	/	1 1 6 0 9 7 5	3/1999	Japan	/	/	/	X				

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